10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-NOTCH3 Reference Antibody (tarextumab)

Recombinant Antibody
Catalog # APR10410

Specification

Anti-NOTCH3 Reference Antibody (tarextumab) - Product Information

Application	**FC, E, FTA**
Primary Accession	Q9UM47
Reactivity	**Human, Mouse**
Clonality	**Monoclonal**
Isotype	**IgG2SA**
Calculated MW	**145 KDa**

Anti-NOTCH3 Reference Antibody (tarextumab) - Additional Information

Target/Specificity
NOTCH3

Endotoxin
< 0.001EU/ μg,determined by LAL method.

Conjugation
Unconjugated

Expression system
CHO Cell

Format
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Storage
-80°C for 2 years under sterile conditions□ -20°C for 1 year under sterile conditions□Avoid repeated freeze-thaw cycles.

Anti-NOTCH3 Reference Antibody (tarextumab) - Protein Information

Name NOTCH3

Function
Functions as a receptor for membrane-bound ligands Jagged1, Jagged2 and Delta1 to regulate cell-fate determination (PubMed:15350543). Upon ligand activation through the released notch intracellular domain (NICD) it forms a transcriptional activator complex with RBPJ/RBPSUH and activates genes of the enhancer of split locus. Affects the implementation of differentiation, proliferation and apoptotic programs (By similarity).

Cellular Location

Cell membrane; Single-pass type I membrane protein

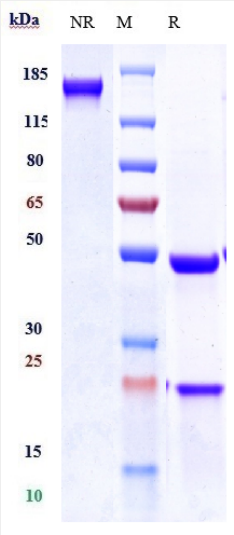
Tissue Location
Ubiquitously expressed in fetal and adult tissues.

Anti-NOTCH3 Reference Antibody (tarextumab) - Protocols

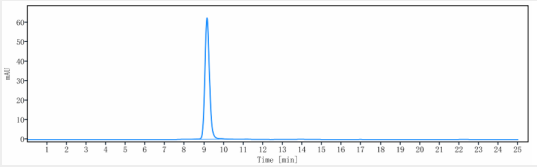
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-NOTCH3 Reference Antibody (tarextumab) - Images



Anti-NOTCH3 Reference Antibody (tarextumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-NOTCH3 Reference Antibody (tarextumab)is more than 99.3% ,determined by SEC-HPLC.